

METHODS AND APPARATUS FOR DYNAMIC BANDWIDTH ADJUSTMENT

ABSTRACT OF THE DISCLOSURE

5 A configuration of a communications device, and a method for its operation are provided for automatically and dynamically adjusting bandwidth of a communications channel. The device and method operate to detect events indicating anticipated changes in bandwidth requirements of the communications channel. Such events may be browser or bandwidth related events, for example, that indicate a forthcoming requirement for
10 increased or decreased bandwidth. The device and method then can extract a bandwidth determination factor if available and then calculate a new value for a bandwidth setting of the communications channel in response to detecting such an event and can adjust a bandwidth characteristic of the communications channel according to the new value of the bandwidth setting such that communications channel can accommodate the
15 anticipated change(s) in the bandwidth requirement. The invention can operate in wireless and non-wireless communications systems to cause bandwidth to be adjusted to closely track usage requirements of the communications channel.